MARINE ECOLOGY
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Editor
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Advisors

Advisors to 'Marine Ecology – Progress Series' are appointed for a four-year period. They are expected to:

- ○ critically evaluate the scientific merits of manuscripts submitted for publication
- ○ suggest topics and authors for reviews
- ○ select and present suitable high-quality manuscripts
- ○ draw attention to new facts, concepts and methods

In addition to the advisors listed below, about 300 referees cooperate anonymously.

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Physiological ecology of invertebrates

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Effects of radioactivity

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Environmental effects on microorganisms

PHYSIOLOGICAL MECHANISMS

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Comparative physiology

Beardmore, J. A., Prof.
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Adaptation; selection

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Cellular biology and sexuality

Bulnheim, H.-P., Prof.
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Metabolic performance of invertebrates; reproductive biology and sexuality

Costlow, J. D., Jr., Prof.
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Developmental physiology; endocrinology

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Biological rhythms

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Fish physiology

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Comparative, cellular and developmental physiology

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Photosynthesis; plankton biochemistry

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Chemosensory mechanisms

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Behavioural physiology

Puiseux-Dao, S., Prof.
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Ecophysiology and toxicology of algae

Siebers, D., Dr.
Biologische Anstalt Helgoland, Palmaille 9, D-2000 Hamburg 50, Federal Republic of Germany
Comparative biochemistry and physiological ecology of invertebrates

Zhirmunsky, A. V., Prof.
Institute of Marine Biology, Vladivostok 690022, USSR
Mechanisms of cellular resistance and control

CULTIVATION

Bardach, J. E., Prof.
Dept of Geography, Univ. Hawaii at Manoa, 2424 Maile Way, Honolulu, Hawaii 96822, USA
General aspects of cultivation; aquaculture

Bonotto, S., Prof.
Centre d'Étude de l'Énergie Nucleaire, Lab. du C.E.N./S.C.K., B-2400 Mol, Belgium
Cultivation of multicellular algae including aquaculture

Lawrence, J., Prof.
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Nutrition of invertebrates

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Microcosm cultures

Magne, F., Prof.
Univ. de Paris VI, Inst. de Biologie Végétale, UER 59, 7, Quai Saint-Bernard, F-75230 Paris, Cedex 05, France
Cultivation of algae, excluding aquaculture

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Cultivation of microorganisms and crustaceans; aquaculture

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Cultivation of zooplankton

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Cultivation of decapods and fishes; Bioenergetics

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Cultivation of microorganisms

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Cultivation of and environmental effects on fishes

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Cultivation of aquatic plants

Sindermann, C. J., Dr.
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Aquaculture; effects of diseases

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Aquaculture of seaweeds

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Cultivation of unicellular algae

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Cultivation of microorganisms

DYNAMICS

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Productivity of the sea; fish-population dynamics

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Dynamics of nearshore ecosystems

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Population dynamics in shallow-water benthic communities; adaptation

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Nutrition of macroalgae

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Plankton dynamics in coastal ecosystems

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Benthos of deep sea and temperate coasts

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Dynamics of biocoenoses

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Soft-sediment ecology

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Phytoplankton ecology: community structure, pollution dynamics, productivity

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Ecology of fungi and bacteria

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Coastal ecology; nutrient dynamics; wetlands

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Dynamics of biocoenoses

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Biogeography and evolution of benthic invertebrates

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Food webs and trophic interactions

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Rocky-coast ecosystems

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Wetlands ecology, incl. submerged seagrasses and emergent marshes

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Ecology of seeweeds

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Experimental intertidal and subtidal ecology

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Oceanic plankton ecosystems

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Organic matter in sea water; theoretical population dynamics

Warwick, R. M., Dr.
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Structure and functioning of benthic communities; meiofaunal ecology

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Food webs; population dynamics

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Organismic responses to pollution

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Management of tropical marine environments; fisheries

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Management of coastline habitats

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Stress and pollution

Beardmore, J. A., Prof.
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Genetic effects of pollution

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Radioactive and conventional pollution

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Heavy metal pollution

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Toxicology and pollution

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Pollution due to organic chemicals

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Pollutant effects on plankton

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Pollution effects on zooplankton; radioecology

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Pollution effects on benthos animals

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Management of fishery resources

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Oil degradation; oil pollution

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Fishery biology; fishery resources

Mauchline, J., Dr.
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Radioactive pollution

Polikarpov, G. G., Prof.
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Chemical ecology, radioecology, radiotracers, pollution

Riley, J. P., Prof.
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Marine pollution chemistry

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Fisheries ecology; fishery resources

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Pollution effects on algae

Ursin, E., Dr.
The Danish Institute for Fishery and Marine Research, Charlottenlund Slot, DK-2920 Charlottenlund, Denmark
Ecosystem organization; species interactions of importance to fisheries

Zijlstra, J. J., Dr.
Nederlands Instituut voor Onderzoek der Zee, Postbox 59, Den Burg – Texel, The Netherlands
Management of wadden-sea areas

MARINE ECOLOGY – PROGRESS SERIES

HISTORY: 'Marine Ecology – Progress Series' (MEPS) was established in response to requests from numerous marine ecologists from all over the world. The series is based on 'Marine Ecology' – the first comprehensive, integrated treatise on life in oceans and coastal waters – conceived, organized and edited by Professor Otto Kinne, and published by John Wiley & Sons.

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Preparation

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CONTENTS

Volume 26 · Numbers 1 and 2 · 1985

RESEARCH PAPERS

Hewitt, R. P., Theilacker, G. H., Lo, N. C. H.
Causes of mortality in young jack mackerel 1–10

Wassef, E., Ezzat, A., Hashem, T., Faltas, S.
Sardine fishery by purse-seine on the Egyptian Mediterranean coast 11–18

Gamble, J. C., MacLachlan, P., Seaton, D. D.
Comparative growth and development of autumn and spring spawned Atlantic herring larvae reared in large enclosed ecosystems 19–33

Donaghay, P. L., Klos, E.
Physical, chemical and biological responses to simulated wind and tidal mixing in experimental marine ecosystems 35–45

Kamykowski, D., Zentara, S.-J.
Nitrate and silicic acid in the world ocean: patterns and processes 47–59

Hodgson, G.
Abundance and distribution of planktonic coral larvae in Kaneohe Bay, Oahu, Hawaii 61–71

Tegner, M. J., Butler, R. A.
Drift-tube study of the dispersal potential of green abalone *(Haliotis fulgens)* larvae in the southern California Bight: implications for recovery of depleted populations 73–84

Kiørboe, T., Møhlenberg, F., Hamburger, K.
Bioenergetics of the planktonic copepod *Acartia tonsa:* relation between feeding, egg production and respiration, and composition of specific dynamic action 85–97

Harding, L. W., Jr., Meeson, B. W., Fisher, T. R., Jr.
Photosynthesis patterns in Chesapeake Bay phytoplankton: short- and long-term responses of P-I curve parameters to light 99–111

Neale, P. J., Marra, J.
Short-term variation of P_{max} under natural irradiance conditions: a model and its implications 113–124

Gallegos, C. L., Platt, T.
Vertical advection of phytoplankton and productivity estimates: a dimensional analysis 125–134

Cohen, R. R. H.
Physical processes and the ecology of a winter dinoflagellate bloom of *Katodinium rotundatum* 135–144

Vogt, N. B., Knutsen, H.
SIMCA pattern recognition classification of five infauna taxonomic groups using non-polar compounds analysed by high resolution gas chromatography 145–156

Jones, R. D., Prahl, F. G.
Lipid composition of a marine ammonium oxidizer grown at 5 and 25 °C 157–159

Gerlach, S. A., Hahn, A. E., Schrage, M.
Size spectra of benthic biomass and metabolism 161–173

Jones, R. D., Morita, R. Y.
Survival of a marine ammonium oxidizer under energy-source deprivation 175–179

Jacobi, C. C., Anger, K.
Effect of temperature on respiration of larval stages of *Hyas araneus* and *H. coarctatus* (Decapoda, Majidae) 181–186

Button, D. K., Robertson, B. R.
Effect of toluene exposure time and concentration on induction of high affinity values for toluene oxidation by bacteria of estuarine seawater samples 187–193

NOTES

Ruzzante, D. E., Zaixso, H. E.
Settlement of *Chlamys tehuelchus* (D'Orb.) on artificial collectors. Seasonal changes in spat settlement 195–197

Dalla Via, J.
Oxygen consumption and temperature change in the shrimp *Palaemon elegans* 199–202

Kim, S.-J.
Effect of heavy metals on natural populations of bacteria from surface microlayers and subsurface water 203–206

Volume 26 · Number 3 · 1985

RESEARCH PAPERS

Kelly, J. R., Berounsky, V. M., Nixon, S. W., Oviatt, C. A.
Benthic-pelagic coupling and nutrient cycling across an experimental eutrophication gradient 207–219

Shaffer, G. P., Onuf, C. P.
Reducing the error in estimating annual production of benthic microflora: hourly to monthly rates, patchiness in space and time 221–231

Richardson, K.
Plankton distribution and activity in the North Sea/Skagerrak-Kattegat frontal area in April 1984 233–244

Li, W. K. W., Dickie, P. M.
Growth of bacteria in seawater filtered through 0.2 μm Nuclepore membranes: implications for dilution experiments 245–252

Macpherson, E.
Daily ration and feeding periodicity of some fishes off the coast of Namibia 253–260

Jackson, G. A., James, D. E., North, W. J.
Morphological relationships among fronds of giant kelp *Macrocystis pyrifera* off La Jolla, California 261–270

Wahl, M.
Metridium senile: dispersion and small scale colonization by the combined strategy of locomotion and asexual reproduction (laceration) 271–277

Stoner, A. W.
Penicillus capitatus: an algal island for macrocrustaceans 279–287

NOTES

Commito, J. A., Ambrose, W. G., Jr.
Multiple trophic levels in soft-bottom communities 289–293

Glynn, P. W.
El Niño-associated disturbance to coral reefs and post disturbance mortality by *Acanthaster planci* 295–300

Veldhuis, M. J. W., Admiraal, W.
Transfer of photosynthetic products in gelatinous colonies of *Phaeocystis pouchetii* (Haptophyceae) and its effect on the measurement of excretion rate 301–304

Moerland, T. S.
Cellulase activity in natural and temperature acclimated populations of *Fundulus heteroclitus* 305–308